

**2007 BETTER HYBRIDS Harvest Report for Minnesota West Central [MNWC]**
**EARLY SEASON TEST**

Tom Walsh, Litchfield, Meeker County, MN [LITCHFIELD]

**93 - 98 Day CRM**
**SOIL CONDITIONS:** Cosmos-Kandiyohi silty clay, 2% slope, well drained, 4.1% o.m., 6.0 soil pH  
 Very high P & K, fall chisel, spring field cultivate (1 pass)

B7MNWCa04

**PREVIOUS CROP/HERB:** Soybean / Roundup

**FERTILITY PROGRAM:** 150#/A fall applied NH<sub>3</sub>, 4 tons/A fall applied turkey manure

**PEST MANAGEMENT:** Harness (pre-emerge); Banvel/Atrazine (post)

Force applied T-band with planter

**PLANTED - SEEDING:** April 30 - 33,700/A

**TOP 30 HYBRIDS FOR YIELD OF 72 TESTED**
**HARVESTED - STAND:** October 22 - 33,000/A

**AVERAGE of (3) REPLICATIONS**

COMPANY	HYBRID	TECHNOLOGY	IST	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME	
Gold Country	98-10VT3	YGVT3	P250	182.5	18.4	3.0	34.6	\$577.2	
Jung	7454VT3	YGVT3	P250	173.7	18.5	0.0	30.5	\$548.5	
Producers	5734VT3 CK	YGVT3	P250	173.0	18.7	6.0	34.0	\$545.1	
Midwest Seed	69704VT3	YGVT3	C250	172.7	18.5	3.0	34.1	\$545.8	
Renk	RK488RRYGPL	YGPL, RR2	P250	171.2	18.7	0.0	33.7	\$539.7	
Producers	5624VT3	YGVT3	P250	170.7	18.3	1.7	32.8	\$540.7	
Wensman	W7267VT3	YGVT3	P250	169.4	18.5	0.0	34.0	\$535.5	
Nortec	8312	YGVT3	P250	168.6	18.4	0.3	33.1	\$533.6	
Trelay	4T722	YGVT3	P250	166.8	18.4	9.7	31.6	\$527.6	
Stine	9417VT3	YGVT3	P250	166.4	18.4	0.3	33.7	\$526.8	
Prairie Brand	975VTTR	YGVT3	P250	166.1	18.2	0.0	33.1	\$526.9	
Prairie Brand	988VTTR	YGVT3	P250	165.3	19.0	3.0	31.9	\$519.2	
Johnson	4198VT3	YGVT3	P250	165.3	19.2	0.0	32.8	\$517.4	
Enestvedt	E657CRWRRCB	CB, RW, RR2		164.7	18.3	0.0	34.4	\$521.9	
Kruger	K-9496TS	YGPL, RR2	P250	164.6	18.4	1.7	34.3	\$520.8	
Pannar	5D-303	YGVT3	C250	164.4	19.1	1.7	32.2	\$515.8	
Dairyland	9799	YGPL, RR2	P250	163.4	18.4	0.0	33.2	\$517.1	
NuTech Seed	3T-098VT3	YGVT3	P250	161.8	18.7	9.7	32.9	\$510.1	
Kruger	K-2298RR/YGCB	YGCB, RR2	P250	161.6	18.4	0.3	32.9	\$511.3	
Fielders Choice	7510S	YGCB, RR2	P250	160.8	18.7	8.7	32.9	\$507.0	
Dairyland	6798	RR2	P250	160.8	19.5	0.0	31.4	\$501.3	
Crows	1723VTRR2	YGVT2	C250	160.5	18.9	0.0	33.2	\$504.8	
Gold Country	96-08CBR	YGCB, RR2	P250	160.4	18.5	0.0	31.6	\$507.2	
NC+ Hybrids	1775VT3	YGVT3	C250	160.0	18.5	0.0	34.4	\$505.7	
Midwest Seed	69574VTRR2	YGVT2	P250	160.0	19.1	1.3	34.3	\$501.6	
Trelay	5N751	YGCB, RR2	P250	159.4	18.4	0.0	32.2	\$504.4	
Heartland	STR80-96	YGCB, RR2	P250	159.4	18.8	0.3	30.8	\$501.6	
LG Seeds	LG2469VT	YGVT2	P250	159.0	18.9	0.3	34.3	\$499.9	
Dairyland	9196	YGPL, RR2	P250	158.9	18.2	0.0	32.2	\$503.9	
Crows	1807VT3	YGVT3	C250	158.5	18.3	8.3	34.1	\$502.3	
<b>Pioneer</b>	<b>37Y14 CK</b>	<b>HXX, LL, RR2</b>	<b>P250</b>	<b>156.9</b>	<b>19.1</b>	<b>3.3</b>	<b>32.8</b>	<b>\$492.1</b>	
				Test Average =	<b>153.6</b>	<b>18.6</b>	<b>3.4</b>	<b>33.0</b>	<b>\$484.8</b>
				Isd(.10) =	12.6	0.5	ns		
				C.V. =	6.1	2.1			

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.040 Price = \$3.30

**RESISTANCE TECHNOLOGIES:** **Corn Borer** - CB, HX1, HXTRA, HXX, YGCB, YGPL, YGVT3, **Corn Rootworm** - HXTRA, HXX, RW, YGPL, YGRW, YGVT2, YGVT3, **Clearfield** - CL **Glyphosate** - GT, RR2, YGVT2, YGVT3 **Liberty** - LL  
**IST:** **C250, C1250** - Cruiser @ 0.250 and 1.250 g ai/seed. **P250 and P1250** - Poncho @ 0.250 and 1.250 g ai/seed.

identifies the check hybrid entered in both early- and full-season tests to assist in comparing the results.

\* indicates seed tested from lots not commercially available at planting. Hybrids in italics exceeded the grain moisture limit for this test.

**FIELD NOTES:** Very good spring weather produced excellent early growth. June turned dry with small rains. Heat and very dry

July (Tom recorded only 0.18" rain in July) stressed the plot. High summer humidity helped "carry" corn plants until the first substantial rain on August 11th. Late July wind, plus heavy corn rootworm pressure root lodged many fields in the area.

**2007 BETTER HYBRIDS Harvest Report for Minnesota West Central [MNWC]**
**EARLY SEASON TEST**

Tom Walsh, Litchfield, Meeker County, MN [LITCHFIELD]

**93 - 98 Day CRM**
**SOIL CONDITIONS:** Cosmos-Kandiyohi silty clay, 2% slope, well drained, 4.1% o.m., 6.0 soil pH  
 Very high P & K, fall chisel, spring field cultivate (1 pass)

B7MNWCa04

**PREVIOUS CROP/HERB:** Soybean / Roundup

**FERTILITY PROGRAM:** 150#/A fall applied NH<sub>3</sub>, 4 tons/A fall applied turkey manure

**PEST MANAGEMENT:** Harness (pre-emerge); Banvel/Atrazine (post)

Force applied T-band with planter

**PLANTED - SEEDING:** April 30 - 33,700/A

**TOP 30 HYBRIDS FOR GROSS INCOME OF 72 TESTED**
**HARVESTED - STAND:** October 22 - 33,000/A

**AVERAGE of (3) REPLICATIONS**

COMPANY	HYBRID	TECHNOLOGY	IST	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME
Gold Country	98-10VT3	YGVT3	P250	182.5	18.4	3.0	34.6	\$577.2
Jung	7454VT3	YGVT3	P250	173.7	18.5	0.0	30.5	\$548.5
Midwest Seed	69704VT3	YGVT3	C250	172.7	18.5	3.0	34.1	\$545.8
Producers	5734VT3 CK	YGVT3	P250	173.0	18.7	6.0	34.0	\$545.1
Producers	5624VT3	YGVT3	P250	170.7	18.3	1.7	32.8	\$540.7
Renk	RK488RRYGPL	YGPL, RR2	P250	171.2	18.7	0.0	33.7	\$539.7
Wensman	W7267VT3	YGVT3	P250	169.4	18.5	0.0	34.0	\$535.5
Nortec	8312	YGVT3	P250	168.6	18.4	0.3	33.1	\$533.6
Trelay	4T722	YGVT3	P250	166.8	18.4	9.7	31.6	\$527.6
Prairie Brand	975VTTR	YGVT3	P250	166.1	18.2	0.0	33.1	\$526.9
Stine	9417VT3	YGVT3	P250	166.4	18.4	0.3	33.7	\$526.8
Enestvedt	E657CRWRRCB	CB, RW, RR2		164.7	18.3	0.0	34.4	\$521.9
Kruger	K-9496TS	YGPL, RR2	P250	164.6	18.4	1.7	34.3	\$520.8
Prairie Brand	988VTTR	YGVT3	P250	165.3	19.0	3.0	31.9	\$519.2
Johnson	4198VT3	YGVT3	P250	165.3	19.2	0.0	32.8	\$517.4
Dairyland	9799	YGPL, RR2	P250	163.4	18.4	0.0	33.2	\$517.1
Pannar	5D-303	YGVT3	C250	164.4	19.1	1.7	32.2	\$515.8
Kruger	K-2298RR/YGCB	YGCB, RR2	P250	161.6	18.4	0.3	32.9	\$511.3
NuTech Seed	3T-098VT3	YGVT3	P250	161.8	18.7	9.7	32.9	\$510.1
Gold Country	96-08CBR	YGCB, RR2	P250	160.4	18.5	0.0	31.6	\$507.2
Fielders Choice	7510S	YGCB, RR2	P250	160.8	18.7	8.7	32.9	\$507.0
NC+ Hybrids	1775VT3	YGVT3	C250	160.0	18.5	0.0	34.4	\$505.7
Crows	1723VTRR2	YGVT2	C250	160.5	18.9	0.0	33.2	\$504.8
Pannar	4E-705	YGVT3	C250	158.5	17.9	3.7	34.0	\$504.5
Trelay	5N751	YGCB, RR2	P250	159.4	18.4	0.0	32.2	\$504.4
Dairyland	9196	YGPL, RR2	P250	158.9	18.2	0.0	32.2	\$503.9
Crows	1807VT3	YGVT3	C250	158.5	18.3	8.3	34.1	\$502.3
Heartland	STR80-96	YGCB, RR2	P250	159.4	18.8	0.3	30.8	\$501.6
Midwest Seed	69574VTRR2	YGVT2	P250	160.0	19.1	1.3	34.3	\$501.6
Dairyland	6798	RR2	P250	160.8	19.5	0.0	31.4	\$501.3
Pioneer	37Y14 CK	HXX, LL, RR2	P250	156.9	19.1	3.3	32.8	\$492.1
Test Average =				153.6	18.6	3.4	33.0	\$484.8
Isd(.10) =				12.6	0.5	ns		
C.V. =				6.1	2.1			

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.040 Price = \$3.30

**RESISTANCE TECHNOLOGIES:** **Corn Borer** - CB, HX1, HXTRA, HXX, YGCB, YGPL, YGVT3, **Corn Rootworm** - HXTRA, HXX, RW, YGPL, YGRW, YGVT2, YGVT3, **Clearfield** - CL **Glyphosate** - GT, RR2, YGVT2, YGVT3 **Liberty** - LL  
**IST:** **C250, C1250** - Cruiser @ 0.250 and 1.250 g ai/seed. **P250 and P1250** - Poncho @ 0.250 and 1.250 g ai/seed.

identifies the check hybrid entered in both early- and full-season tests to assist in comparing the results.

\* indicates seed tested from lots not commercially available at planting. Hybrids in italics exceeded the grain moisture limit for this test.

**FIELD NOTES:** Very good spring weather produced excellent early growth. June turned dry with small rains. Heat and very dry

July (Tom recorded only 0.18" rain in July) stressed the plot. High summer humidity helped "carry" corn plants until the first substantial rain on August 11th. Late July wind, plus heavy corn rootworm pressure root lodged many fields in the area.